

# Catalyst<sup>®</sup>

## Emulsified in Water Insecticide

- FOR USE BY PEST CONTROL OPERATORS ONLY
- EFFECTIVE KILL OF GERMAN COCKROACHES AND EFFECTIVE CONTROL OF OTHER LISTED PESTS

### SPECIMEN LABEL

**ACTIVE INGREDIENT:**

Propetamphos (CAS #31218-83-4) ..... 18.9%

**OTHER INGREDIENTS:** ..... 81.1%

Total: ..... 100.0%

Formulation contains 1.7 lbs. per gallon active ingredient

EPA Reg No. 2724-450

KEEP OUT OF REACH OF CHILDREN

### WARNING

See additional precautionary statements,  
First Aid Treatments, and Directions for Use

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing.

**Personal Protective Equipment (PPE):**

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, such as barrier laminate, butyl rubber (≥14 mils), nitrile rubber (≥14 mils), neoprene rubber (≥14 mils), polyvinyl chloride (PVC)(≥14 mils), or viton (≥14 mils)

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### FIRST AID

Call a poison control center or doctor immediately for treatment advice.

**If swallowed** • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

**If on skin or clothing** • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

**If inhaled** • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

**If in eyes** • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Contains propetamphos, an organophosphate, that inhibits cholinesterase. Atropine with 2-PAM is the emergency antidote if symptoms of cholinesterase inhibition are present.

## PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, or store near heat or open flame.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## GENERAL PRECAUTIONS AND RESTRICTIONS

**FOR INDOOR USE ONLY.** Zoecon® CatalyST® Emulsified in Water Insecticide (CatalyST®) provides effective kill of German cockroaches and effective control of other listed pests for indoor, non-residential crack and crevice treatments only for the following use areas:

- food service establishments (e.g., restaurants, taverns, delicatessens, mess halls, mobile canteens, around vending machines, grocery stores and markets where there is no contact with food, and when food is removed or covered prior to treatment), including schools, hospitals and nursing homes in food service areas only;
- indoor non-food areas (e.g., office buildings; commercial; and industrial buildings and warehouses; correctional facilities, manufacturing establishments, rail cars, marine vessels, and institutions, except those where children and the elderly occupy, such as and including schools, day-cares, hospitals, and nursing homes); and
- non-food areas of eating establishments where there is no contact with food, and where no food processing, packing, and no food and/or feed warehousing occurs.

This product cannot be used in homes, apartment buildings, or any other residential structure. Also, this product cannot be used in structures where children and the elderly occupy, such as and including schools, day-cares, hospitals, and nursing homes, but may be used in the food service establishment areas within these structures, provided food is removed or covered prior to treatment. Not for use in USDA federally inspected meat processing plants.

CATALYST® mixes easily with water and may be applied with most sprayers. Diluted spray mixture may be stored overnight and used the following day, but mixture should be agitated well prior to application to prevent the uneven distribution of

product. Do not apply as a space spray. This product shall only be used for crack and crevice treatment. Crack and crevice treatment is application of small amounts of pesticides into cracks and crevices in which pests hide or through which they may enter a building. Openings of this type commonly occur at expansion joints, between different elements of construction, and between equipment and floors. Apply as a 0.5% ai solution to crack and crevice sites only, where pests occur, including areas behind loose baseboards and tile, pipe chase penetrations, cracks in caulking surrounding doors and windows, under refrigerators, behind cabinets, sinks, and stoves, and cracks leading to wall voids. Areas that may have cracks or crevices that harbor pests include: storage areas, closets, under cabinets, and restrooms. Cover all foodstuffs in area to be treated or remove food prior to application

CATALYST® in recommended dilutions is non-staining and does not cause damage to fabrics, plastics, paints, or other surfaces which cannot be damaged by water alone. Do not apply where electrical short circuits might result. Do not enter or allow others to enter until sprays have dried. Do not apply product in a way that will contact workers, other persons, or animals, either directly or through drift. Only protected handlers may be in the area during application.

This product may not be reapplied more than once every 7 days and treatment may not exceed 2 applications in a 30 day period.

## SPECIFIC INSTRUCTIONS

### For crack and crevice treatments

Mix 3.2 oz (94.6 ml) of CATALYST® in 1 gallon (3,785.4 ml) of water (equivalent to 0.5% active ingredient solution).

**NOTE:** Following treatment, thorough ventilation of treated areas, by occupant before re-entry, may reduce potential odors. In buildings with restricted air flow, such as office buildings, ventilation is enhanced by adjusting ventilation systems to include outside air for 24 hours.

### Crack and Crevice Applications

**Pests:** German cockroaches, spiders (except brown recluse or black widow), ants (except fire, harvester, carpenter, pharaoh), carpet beetles, crickets, boxelder bugs, firebrats, earwigs, pillbugs, ground beetles, sowbugs, silverfish, Stored Product Pests [sawtoothed grain beetle, red flour beetle, confused flour beetle, cigarette beetle, drain flies, fruit flies].

### **Food Service Establishments**

Application is limited to crack and crevice treatments in food service establishments such as restaurants, cafeterias, taverns, delicatessens, mess halls, institutional dining areas, mobile canteens, around vending machines, groceries and markets where there is no contact with food and food service areas only in schools, hospitals, day-cares, and nursing homes; as well as non-food areas of eating establishments where there is no contact with food, and where no food processing, packing, and no food and/or feed warehousing occurs. Cover all foodstuffs in areas to be treated or remove food prior to application.

### **Crack & Crevice**

Prepare a CATALYST® spray-mix diluted with water as directed above and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pinstream in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where cockroaches, ants, silverfish, firebrats, spiders, and crickets hide.

### **STORAGE & DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

#### **STORAGE**

Store in a cool, dry, and ventilated area away from humans, pets, foodstuffs, and feed. Do not store near heat or open flame. Keep from freezing.

#### **PESTICIDE DISPOSAL**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### **PLASTIC CONTAINER DISPOSAL**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

To the extent consistent with applicable law, Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information or in case of emergency call

**1-800-248-7763** or visit our Web site:

**[www.zoecon.com](http://www.zoecon.com)**

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